

12 mm Drainage Board

DRRD12

Technical Information and Systems considerations

- Dimpled and perforated HDPE sheet with a bonded geo-textile filter membrane on top, and geo-textile underneath to provide protection or increase interface friction.
- Suitable for use on Extensive and Intensive Green Roof and Podium Systems.
- Functional in Sedum, Wildflower and Biodiverse systems
- Provides drainage, water storage and filtration.
- Butted together with geo-textile filter fleece overlapping abutments.
- Resistant to root penetration and acid and alkali.



Physical and Technical Properties

	Test	Unit	Mean Values		
Mechanical Properties					
Compressive Strength	EN ISO 25619-2	kPa	500		
Tensile Strength (MD/CMD)	EN ISO 10319	kN/m	12		
Static Puncture (CBR)	EN ISO 12236	kN	2.4		
Hydraulic Properties - Geocomposite					
Water Flow capacity in the plane (rigid/rigid)	EN ISO 12958	l/(m·s)	(i=1)	(i=0.5)	(i=0.1)
at 20 kPa			7.0	4.5	2.0
at 100 kPa			7.0	4.5	2.0
at 200 kPa			7.0	4.5	2.0
Physical Properties					
Thickness at 2kPa	EN ISO 9863-1	mm	13		
Standard Colour			Black		
Polymer			HDPE		
Dimensions					
Standard Roll Length		m	50		
Standard roll width		m	1		
Approximate roll weight		Kg	60		

Specification Description

Rigid drainage board manufactured from HDPE. Combined function as a water-retention. All materials are tested every 6000m² in a UKAS accredited ISO 17025 laboratory to all mechanical properties prior to product release. Product is supplied and packaged designed to prevent damage from UV exposure and during handling and storage.

